

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Nathan R. Brown

**Serial No.:** 10/715,264

**Filed:** November 17, 2003

**For:** METHODS FOR DETERMINING AMOUNTS AND LOCATIONS OF DIFFERENTIAL PRESSURE TO BE APPLIED TO SEMICONDUCTOR SUBSTRATES DURING POLISHING OF SEMICONDUCTOR DEVICE STRUCTURES CARRIED THEREBY AND FOR SUBSEQUENTLY POLISHING SIMILAR SEMICONDUCTOR DEVICE STRUCTURES

**Confirmation No.:** 5086

**Examiner:** S. Macarthur

**Group Art Unit:** 1763

**Attorney Docket No.:** 2269-4375.3US  
(99-1029.03/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 28, 2004  
Date

*Rachael Harris*  
Signature

Rachael Harris  
Name (Type/Print)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the

Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a). The listed documents were cited by the Office in co-pending application Serial No. 10/715,248, filed on November 17, 2003, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 4,606,151	08/19/1986	Heynacher
US- 5,607,341	03/1997	Leach
US- 5,836,807	11/1998	Leach
US - 6,354,928 B1	03/12/2002	Crevasse et al.
US- 6,390,901 B1	05/2002	Hiyama et al.
US- 6,390,905 B1	05/2002	Korovin et al.
US- 6,394,882 B1	05/2002	Chen
US- 6,435,948 B1	08/2002	Molnar
US - 6,436,828 B1	08/20/2002	Chen et al.
US- 6,443,821 B1	09/2002	Kimura et al.
US- 6,447,368 B1	09/2002	Fruitman et al.
US- 6,506,105 B1	01/2003	Kajiwara et al.
US- 6,558,232 B1	05/2003	Kajiwara et al.
US- 6,592,434 B1	07/2003	Vanell et al.
US- 6,612,903 B2	09/2003	Korovin et al.
US- 6,623,343 B2	09/2003	Kajiwara et al.
US- 6,659,850 B2	12/2003	Korovin et al.

US- 6,719,615 B1

04/2004

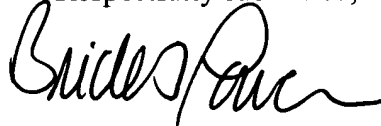
Molnar

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,

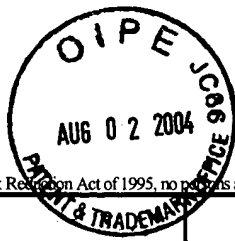


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Date: July 28, 2004  
BGP/ps:dlm:rh

Enclosures: Form PTO/SB/08  
Copy of documents cited

Document in ProLaw



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/715,264
Filing Date	November 17, 2003
First Named Inventor	Nathan R. Brown
Group Art Unit	1763
Examiner Name	S. Macarthur
Attorney Docket Number	2269-4375.3US (99-1029.03/US)

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-4,606,151	08/19/1986	Heynacher	
		US- 5,607,341	03/1997	Leach	
		US- 5,836,807	11/1998	Leach	
		US- 6,354,928 B1	03/12/2002	Crevasse et al.	
		US- 6,390,901 B1	05/2002	Hiyama et al.	
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		US- 6,394,882 B1	05/2002	Chen	
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		US- 6,443,821 B1	09/2002	Kimura et al.	
		US- 6,447,368 B1	09/2002	Fruitman et al.	
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		US- 6,558,232 B1	05/2003	Kajiwarra et al.	
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		US- 6,623,343 B2	09/2003	Kajiwarra et al.	
		US- 6,659,850 B2	12/2003	Korovin et al.	
		US- 6,719,615 B1	04/2004	Molnar	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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